

ET65

Tracked Conventional Excavator

the most powerful in its class

The ET65 is an excavator that users want. A high-performance machine that surprises with its compact design and maneuverability. The strong excavation performance thanks to high digging forces and the powerful engine are additional plus points that make the excavator an all-rounder on the construction site.

Highlights

- Powerful drive system with LUDV
- Triple boom
- 3-point kinematics
- More cab comfort
- Up to four additional factory-installed control circuits

Technical Data

Hydraulic

Operating pressure hydraulics	240.0 bar
Hydraulicpump	Variable displacement and gear pump
Flow rate	144.0 l/min
Flow rate max.	144.0 l/min
Tank capacity	92.0 l

Mechanical - Output Details

Travel speed	5.2 km/h

Mechanical Details

Length	6,137.0 mm
Width	1,950.0 mm
Height	2,478.0 mm
Operating weight (min.-max.)	6,078.0 - 7,358.0 kg
Digging depth (max.)	4,184.0 mm

Engine

Cooling	Water-cooling
Engine type	Turbodieselengine
Cylinder	4.0
Cylinder capacity	2,216.0 cm³
Inclined position max.	30.0 °
Fuel	Diesel EN 590
Effective power	42.0 kW
Nominal Engine speed	2,000.0 1/min
Exhaust-gas limit	EU Stage V
Battery capacity (nom. value)	100.0 Ah
Engine Manufacturer	Perkins
Engine Designation	404J-E22T

Environment Data

Sound power LWA, guaranteed	96.0 dB(A)

Chassis

Operating pressure	240.0 bar

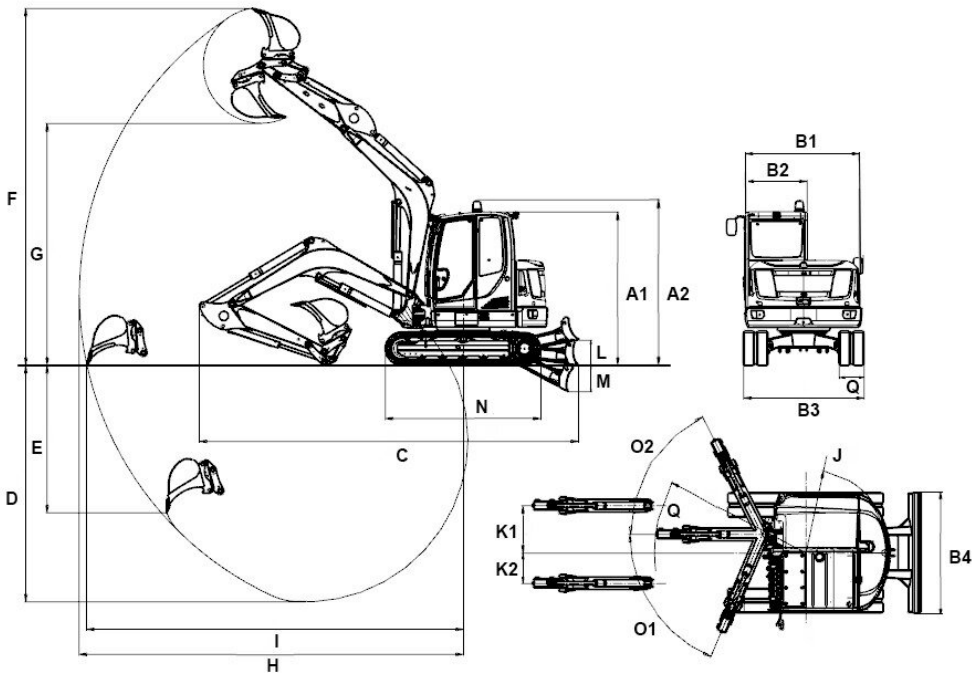
Shipping and Storage

Shipping weight	5,806.0 kg

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Dimensions



		Monobloc boom	Articulated boom
A1	Height with cab	2,478 mm	2,478 mm
A3	Height of dozer blade	423 mm	423 mm
A2	Total height of cabin with rotating beacon	2,654 mm	2,654 mm
B1	Width of upper carriage	1,902 mm	1,902 mm
B2	Width of cab	1,000 mm	1,000 mm
B3	Width travel gear	1,950 mm	1,950 mm
B5	Width of dozer blade	1,950 mm	1,950 mm
C	Transport length short shovel arm	6,137 mm	6,065 mm
	Transport length long shovel arm	6,128 mm	6,194 mm
D	Digging depth max., short shovel arm	3,826 mm	3,893 mm
	Digging depth max., long shovel arm	4,126 mm	4,193 mm
E	Piercing depth max., short shovel arm	2,383 mm	2,764 mm
	Piercing depth max., long shovel arm	2,656 mm	3,036 mm
F	Piercing height max., short shovel arm	5,773 mm	6,537 mm
	Piercing height max., long shovel arm	5,955 mm	6,770 mm
G	Dumping height max., short shovel arm	3,912 mm	4,664 mm
	Dumping height max., long shovel arm	4,094 mm	4,898 mm
H	Digging radius max., short shovel arm	6,220 mm	6,590 mm
	Digging radius max., long shovel arm	6,504 mm	6,877 mm
I	Max. reach at ground level (short shovel arm)	6,097 mm	6,475 mm
	Max. reach at ground level (long shovel arm)	6,387 mm	6,772 mm
J	Tail swing radius	1,363 mm	1,363 mm
	Tail swing radius with tail weight	1,481 mm	1,481 mm
K1	Boom offset max. (to center of bucket right side)	766 mm	766 mm
K2	Boom offset max. (to center of bucket left side)	492 mm	492 mm
L	Stacking height max. (dozer blade above surface)	403 mm	403 mm
M	Digging depth max. (dozer blade below surface)	427 mm	427 mm
N	Length travel drive	2,516 mm	2,516 mm
O1	Max. swivel angle (arm system to the left)	67 °	67 °
O2	Max. swivel angle (arm system to the right)	63 °	63 °
P1	Track width	400 mm	400 mm
Q1	Boom swing radius center	2,453 mm	3,159 mm
Q2	Boom swing radius right	2,372 mm	3,097 mm
Q3	Boom swing radius left	1,902 mm	2,732 mm

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